SECTION 2. FORMS PTO/SB/08A and 08B (formerly Form PTO-1449)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Lang et al.	Attorney Docket:	2960/113
Serial No:	10/681,750	Art Group Unit:	3738
Date Filed:	October 7, 2003	Examiner Name:	Not yet assigned

Invention: Minimally Invasive Join Implant with 3-Dimensional Geometry Matching the Articular Surfaces

LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

U.S. PATENT DOCUMENTS					
Examiner Initials	Reference Number	Document Number	Issue Date/ Publication Date	Inventor	Class/Subclass
/DI/	AA	US 4,055,862	Nov. 1997	Farling	3/1.91
	AB	US 4,203,444	May 1986	Bonnell et al.	128/176
	AC	US 4,586,496	May 1986	Keller	128/92
	AD	US 4,601,290	Jul. 1986	Effron et al.	128/305
	AE	US 4,609,551	Sep. 1986	Caplan et al.	424/95
	AF	US 4,627,853	Dec. 1986	Campbell et al.	623/16
	AG	US 4,846,835	Jul. 1989	Grande	623/11
	AH	US 5,041,138	Aug. 1991	Vacanti et al.	623/16
	AI	US 5,067,964	Nov. 1991	Richmond et al.	623/18
	AJ	US 5,197,985	Mar. 1993	Caplan et al.	623/549
	AK	US 5,206,023	Apr. 1993	Hunziker	424/423
	AL	US 5,226,914	Jul. 1993	Caplan et al.	623/549
	AM	US 5,270,300	Dec. 1993	Hunziker	514/12
	AN	US 5,306,311	Apr. 1994	Stone et al.	623/18
	AO	US 5,368,858	Nov. 1994	Hunziker	424/423
	AP	US 5,468,787	Nov. 1995	Braden et al.	523/113
	AQ	US 5,632,745	May 1997	Schwartz	606/75
	AR	US 5,671,741	Sep. 1997	Lang et al.	128/653.2
	AS	US 5,728,162	Mar. 1998	Eckhoff	623/20
	AT	US 5,749,874	May 1998	Schwartz	606/75
	AU	US 5,769,899	Jun. 1998	Schwartz et al.	623/18
	AV	US 5,876,217	Jul. 1998	Tubo et al.	435/402
	AW	US 5,827,289	Oct. 1998	Reiley et al.	606/86
	AX	US 5,842,477	Dec. 1998	Naughton et al.	128/898
	AY	US 5,853,746	Dec. 1998	Hunziker	424/426
	AZ	US 5,871,018	Feb. 1999	Delp et al.	128/898
/DI/	BA	US 5,900,245	May 1999	Sawhney et al.	424/426

U.S. Patents (cont.)					
Examiner Initials	Reference Number	Document Number	Issue Date/ Publication Date	Inventor	Class/Subclass
/DI/	BB	US 5,906,934	May 1999	Grande et al.	435/325
	BC	US 5,939,323	Aug. 1999	Valentini et al.	435/395
	BD	US 5,972,385	Oct. 1999	Liu et al.	424/486
	BE	US 6,082,364	Jul. 2000	Balian et al.	128/898
	BF	US 6,110,209	Aug. 2000	Stone	623/16.11
	BG	US 6,120,541	Sep. 2000	Johnson	623/14.12
	BH	US 6,126,690	Oct. 2000	Ateshian et al.	623/18
	BI	US 6,139,578	Oct. 1000	Lee et al.	623/16.11
	BJ	US 6,200,606	Mar. 2001	Peterson et al.	424/574
	BK	US 6,203,576	Mar. 2001	Afriat et al.	623/20.27
	BL	US 6,214,369	Apr. 2001	Grande et al.	424/423
	BM	US 6,217,894	Apr. 2001	Sawhney et al.	424/426
	BN	US 6,219,571	Apr. 2001	Hargreaves et al.	600/410
	BO	US 6,251,143	Jun. 2001	Schwartz et al.	623/23.72
	BP	US 6,277,151	Aug. 2001	Lee et al.	623/23.61
	BQ	US 6,281,195	Aug. 2001	Rueger et al.	514.21
	BR	US 6,283,980	Sep. 2001	Vibe-Hansen et al.	606/151
	BS	US 6,299,905	Oct. 2001	Peterson et al.	424/486
	BT	US 6,328,765	Dec. 2001	Hardwick et al.	623/23.72
	BU	US 6,344,059	Feb. 2002	Krakovits et al.	623/20.31
	BV	US 6,351,558	Mar. 2002	Spector	623/18.11
	BW	US 6,358,253	Mar. 2002	Torrie et al.	606/96
	BX	US 6,371,958	Apr. 2002	Overaker	606/72
	BY	US 6,375,658	Apr. 2002	Hangody et al.	623/20.18
	BZ	US 6,379,367	Apr. 2002	Vibe-Hansen et al.	606/151
	CA	US 6,383,228	May 2002	Schmotzer	623/23.35
	CB	US 6,429,013	Aug. 2002	Halvorsen et al.	435/377
	CC	US 6,443,988	Sep. 2002	Felt et al.	623/17.12
	CD	US 6,444,222	Sep. 2002	Asculai et al.	424/484
	CE	US 6,459,948	Oct. 2002	Ateshian et al.	700/117
	CF	US 6,468,314	Oct. 2002	Schwartz et al.	623/23.72
	CG	US 6,479,996	Nov. 2002	Hoogeveen et al.	324/309
	CH	US 6,520,964	Feb. 2003	Tallarida et al.	606/71
	CI	US 6,632,235	Oct. 2003	Weikel et al.	606/192
/DI/	CJ	US 6,652,587	Nov. 2003	Felt et al.	623/20.16
	CK	US 6,679,917	Jan. 2004	EK	600/587

U.S. PUBLISHED APPLICATIONS					
Examiner Initials	Reference Number	Document Number	Issue Date /Publication Date	Inventor	Class/ Subclass
/DI/	CL	2001/0010023	Jul. 2001	Schwartz et al.	623/23.72
/DI/	CM	2001/0039455	Nov. 2001	Simon et al.	623/23.51
/DI/	CN	2002/0013626	Jan. 2002	Geistlich et al.	623/23.57

U.S. PUBLISHED APPLICATIONS (cont.)					
Examiner Initials	Reference Number	Document Number	Issue Date /Publication Date	Inventor	Class/ Subclass
/DI/	CO	2002/0045940	Apr. 2002	Giannetti et al.	623/11.11
	CP	2002/0059049	May 2002	Bradbury et al.	703/11
	CQ	2002/0087274	Jul. 2002	Alexander et al.	702/19
	CR	2002/0106625	Aug. 2002	Hung et al.	435/1.1
	CS	2002/0183850	Dec. 2002	Felt et al.	623/20.16
	CT	2002/0087274	Jul. 2002	Alexander et al.	702/19
	CU	2002/0115647	Aug. 2002	Halvorsen et al.	514/171
	CV	2002/0120274	Aug. 2002	Overaker et al.	606/72
	CW	2002/0120281	Aug. 2002	Overaker	606/151
	CX	2002/0151986	Oct. 2002	Asculai et al.	424/484
	CY	2002/0156150	Oct. 2002	Asculai et al.	623/23.75
	CZ	2003/0216669	Nov. 2003	Lang et al.	600/587
/DI/	DA	2005/0043807	Feb. 2005	Wood	623/20.14

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patenteee or Applicant	Class/Subclass
/DI/	DB	EP	0528080	Aug. 1991	Richmond et al.	A61F 2/30
	DC	EP	0626156	Jan. 1992	Walker	A61F 2/38
	DD	EP	0530804	Sep. 1992	Hunziker	A61L 25/00
	DE	EP	0613380	Nov. 1992	Braden et al.	A61L 27/00
	DF	EP	0814731	Jan. 1996	Schwartz et al.	A61F 2/30
	DG	EP	0833620	Jun. 1996	Yayon et al.	A61K 9/22
	DH	EP	0896825	Aug. 1997	Atkinson et al.	A61L 27/00
	DI	EP	1077253	Aug. 2000	Halvorsen et al.	C12N 5/00
	DJ	EP	1120087	Jan. 2001	Schwartz et al.	A61B 17/06
	DK	EP	1129675	Mar. 2001	Overaker	A61F 2/30
	DL	EP	1234552	Feb. 2002	Overaker	A61F 2/00
	DM	EP	1234555	Feb. 2002	Overaker	A61F 2/30
	DN	WO	93/04710	Mar. 1993	Hunziker	A61L 25/00
	DO	WO	93/09819	May 1993	Braden et al.	A61L 27/00
	DP	WO	93/25157	Dec. 1993	Rau et al.	A61B 17/57
/DI/	DQ	WO	96/24302	Aug. 1996	Schwartz	A61B 17/90

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Reference Number	Country Code	Document Number	Publication Date	Patenteee or Applicant	Class/Subclass
/DI/	DR	WO	97/25942	Jul. 1997	Schwartz	A61F 2/32
	DS	WO	97/38676	Oct. 1997	Peterson et al.	A61K 9/10
	DT	WO	98/30617	Jul. 1998	Searle	C08G 63/12
	DU	WO	99/02654	Jan. 1999	Peterson et al.	A61L 27/00
	DV	WO	99/08728	Feb. 1999	Atkinson et al.	A61L 27/00
	DW	WO	99/47186	Sep. 1999	Suh et al.	A61L 27/00
	DX	WO	99/51719	Oct. 1999	Fofonoff et al.	C12N 3/00
	DY	WO	00/09179	Feb. 2000	Gianetti et al.	A61L 25/00
	DZ	WO	00/48550	Aug. 2000	Atkinson et al.	A61K
	EA	WO	00/59411	Oct. 2000	Fell et al.	A61F 2/38
	EB	WO	00/74554	Dec. 2000	Schwartz et al.	A61B
	EC	WO	01/17463	Mar. 2001	Mansmann	A61F 2/30
	ED	WO	01/19254	Mar. 2001	Cummings et al.	A61B 17/064
	EE	WO	01/35968	May 2001	Ashkar et al.	A61K 35/00
	EF	WO	01/45764	Jun. 2001	Muller et al.	A61L 27/36
	EG	WO	01/68800	Sep. 2001	Trustees of Columbia U.,City of N.Y.	B39
	EH	WO	01/70142	Sep. 2001	Carigan et al.	A61F 2/38
	EI	WO	02/22014	Mar. 2002	Alexander et al.	A61B5/055
	EJ	WO	02/23483	Mar. 2002	Steines et al.	G06T 11/00
	EK	WO	02/34310	May 2002	Dickson et al.	A61L 31/04
	EL	WO	02/36147	May 2002	Liu et al.	A61K 38/16
	EM	WO	02/06268	Dec. 2002	Lang et al.	A61F
	EN	WO	03/007788	Jan. 2003	Prasanna et al.	A61F
	EO	WO	03/051210	Jun. 2003	Ek et al.	A61B 17/58
/DI/	EP	WO	04/043305	May 2004	Tsougarakis et al.	A61F 2/30

OTHER DOCUMENTS			
Examiner Initials	Reference Number	Author	Title of Article, Title of Journal, Volume Number, Page Numbers, Date
/DI/	EQ	Taha et al.	"Modeling and design of a custom made cranium implant for large skull reconstruction before a tumor removal", Phidias Newsletter No. 6, pages 3, 6, June 2001. Retrieved from the Internet: URL:http://www.materialise.com/medical/files/pdf .
	ER	Kidder J. et al.	"3D model acquisition, design, planning and manufacturing of orthopaedic devices: a framework", Proceedings of theSPIE – Advanced Sensor and Control-Sustem Interface, Boston, MA, Vol. 2911, pgs. 9-22, 21 November 1996
	ES	Carr J.C. et al.	"Surface Interpolation with Radial Basis Functions for Medical Imaging", IEEE Transactions on Medical Imaging, IEEE, Inc. New York, Vol. 16, No. 1, 1 February 1997, pgs. 96-107.
	ET	C.S. Ranawat et al.	"MacIntosh Hemiarthroplasty in Rheumatoid Knee" Acta Orthop Belg. 1973 Jan-Feb: 39(1):102-112
	EU	B. Blum et al.	"Knee Arthroplasty in Patients with Rheumatoid Arthritis", ANN. Rheum. Dis. 1974 Jan: 33(1):1-11
	EV	Nelson M.D. et al.	"Arthroplasty and Arthrodesis of the Knee Joint", Orthop. Clin. North Am. 1971 Mar: 2(1):245-64.
	EW	McCollum et al.	"Tibial Plateau Prosthesis in Arthroplasty of the Knee", J. Bone Joint Surg. Am. 1970 Jun:52(4):827-8.
	EX	Hastings D.E. et al.	"Double Hemiarthroplasty of the Knee in Rheumatoid Arthritis. A Survey of Fifty Consecutive Cases", J. Bone Joint Surg. Br. 1973 Feb:55(1):112-118.
	EY	Schron, D. et al.	"MacIntosh Arthroplasty in Rheumatoid Arthritis", Rheumatol Rehabil. 1978 Aug:17(3):155-163.
	EZ	McKeever, D.C. et al.	"The Classic Tibial Plateau Prosthesis", Clin. Orthop. Relat. Res. 1985 Jan-Feb:(192):3-12.
/DI/	FA	Conaty et al.	"Surgery of the Hip and Knee in Patients with Rheumatoid Arthritis", J. Bone Joint Surg. Am. 1973 Mar:55(2):301-314.

OTHER DOCUMENTS (Continued)			
/DI/	FB	MacIntosh et al.	"The Use of the Hemiarthroplasty Prosthesis for Advanced Osteoarthritis and Rheumatoid Arthritis of the Knee", J. of Bone & Joint Surg. 1972, Vol. 54B, No. 2, pgs. 244-255
	FC	MacIntosh	"Arthroplasty of the Knee in Rheumatoid Arthritis Using the Hemiarthroplasty Prosthesis", Synovectomy and Arthroplasty in Rheumatoid Arthritis pp. 79-80, Second Int'l. Symposium, Jan. 27-29, 1967 (Basle, Switzerland)
	FD	MacIntosh, D.L.	"Hemiarthroplasty of the Knee Using a Space Occupying Prosthesis for Painful Varus and Valgus Deformities", J. Bone Joint Surg. Am. 1958 Dec:40-A:1431.
	FE	Stauffer R. et al.	"The MacIntosh Prosthesis. Prospective Clinical and Gait Eveluation", Arch. Surg. 1975 Jun:110(6):717-720.
	FF	Clary BB et al.	"Experience with the MacIntosh Knee Prosthesis", South Med. J. 1972 Mar:65(3):265-272.
	FG	Ghelman MD, et al.	"Kinematics of the Knee After Prosthetic Replacements", Clin. Orthop. 1975 May: (108): 149-157.
	FH	Henderson, MD et al.	"Experience with the Use of the Macintosh Prosthesis in Knees of Patients with Pheumatoid Arthritis", South. Med. J. 1969 Nov:62(11):1311-1315.
	FI	Potter M.D.	"Arthroplasty of the Knee With Tibial Metallic Implants of the McKeever and MacIntosh Design", Sug. Clin. North Am. 1969 Aug:49(4):903-915.
	FJ	Potter T.A., et al.	"Arthroplasty of the Knee in Rheumatoid Arthritis and Osteoarthritis: A Follow-up Study After Implantation of the McKeever and MacIntosh Prostheses", J. Bone Joint Surg. Am. 1972 Jan:54(1):1-24.
/DI/	FK	Bogoch et al.	"Supracondylar Fractures of the Femur Adjacent to Resurfacing and MacIntosh Arthroplasties of the Knee in Patients with Rheumatoid Arthritis", Clin. Orthop. 1988 Apr. (229):213-220.

OTHER DOCUMENTS (cont.)			
/DI/	FL	Cameron et al.	"Review of a Failed Knee Replacement and Some Observations on the Design of a Knee Resurfacing Prosthesis", Arch. Orthop Trauma Surg. 1980:97(2):87-89.
	FM	Kates A. et al.	"Experiences of Arthroplasty of the Rheumatoid Knee Using MacIntosh Prostheses", Ann. Rheum. Dis. 1969 May:28(3):328.
	FN	Jessop J.D. et al.	"Follow-up of the MacIntosh Arthroplasty of the Knee Joint", Rheumatol Phys. Med. 1972 Feb: 11 (5): 217-224.
	FO	Andersson GB et al.	"MacIntosh Arthroplasty In Rheumatoid Arthrisit", Acta. Orthrop. Scand. 1974:45 (2): 245-259
	FP	Wordsworth et al.	"MacIntosh Arthroplasty for the Rheumatoid Knee: A 10-year Follow Up", Ann. Rheum. Dis. 1985 Nov:44 (11): 738-741.
	FQ	Kay N.R. et al.	"MacIntosh Tibial Plateau Hemiprosthesis for the Rheumatoid Knee", J. Bone Joint Sur. Br. 1972 May: 54(2): 256-262.
	FR	Porter M.L. et al.	"MacIntosh Arthroplasty: a long-term review", J. R. Coll. Sur. Edinb. 1988 Jan-Feb: (192): 199-201.
	FS	Tamez-Pena, J. et al.	"MRI Isotropic Resolution Reconstruction from two Orthogonal Scans", Proceedings of the SPIE – The International Society for Optical Engineering SPIE-OMT. Vol. 4322, pp. 87-97, 2001.
	FT		International Search Report dated 23 February 2005
/DI/	FU		International Search Report dated 13 May 2005

Examiner Signature: /David Isabella/

Date Considered: 04/26/2007

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation *if not* in conformance and not considered. Include copy of this form with next communication to applicant.